IN THE SPECIFICATION

Please amend paragraph 43 as follows:

FIG. 38 illustrates the configuration of around the descrambler 158 on the reception side in detail. Reception data is descrambled by calculating an exclusive-OR between the reception data and a descrambling pattern generated by descrambling pattern generator 158a with a later-described method at an EXOR 158b within the descrambler 158 following the reception data being subjected to error correction decoding at the decoder 156. The output thereof is deciphered at the decipher device 160.

Please amend paragraph 155 as follows:

First, upon a convolution-code decoder 260 decoding a reception packet received from demodulation unit 250, a header analyzing unit 280 analyzes the PLCP header (Step S921). Subsequently, the header analyzing unit 280 checks regarding whether or not the parity bit 624 in the signal 620 is the even parity conforming to the IEEE802.11a standard (Step S922).